

# NuTech Specialties Inc.

SAFETY DATA SHEET

Version: 2.0

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Friction Free All In One 2 Carwash Concentrate  
Description: Alkaline Liquid  
Product Code: NTAL FFAIO2  
Suggested Use: Alkaline Car Wash Soap  
Restrictions on Use: None

Supplier: NuTech Specialties, Inc.  
9811 South 6150 West  
West Jordan, UT 84081

Telephone: 801-253-1000 (M-F) 8:00-5:00  
Fax: 801-280-0307  
Emergency Phone: 800-633-8253

## 2. HAZARDS IDENTIFICATION

### Classification:

GHS Classification: Skin Corrosion 1  
Serious Eye Damage 1

### GHS Label Elements

Pictogram:



Signal Word:

Warning

Hazard Statements:

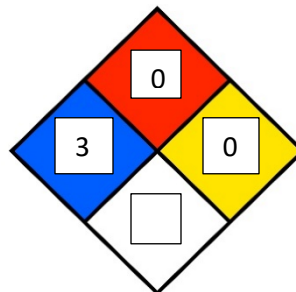
H314, Causes Severe Skin Burns and Eye Damage

Precautionary Statements:

P301, P312, If SWALLOWED: Call a Poison Center or doctor/physician if you feel unwell.

P302, P352, Of on SKIN: Wash with plenty of soap and water

P305, P351, P338, If in EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.



HMIS Classification:

Product: Friction Free All In One 2 Carwash Concentrate

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NFPA Rating:

|                     |   |
|---------------------|---|
| Health              | 3 |
| Fire                | 0 |
| Reactivity          | 0 |
| Personal Protection | C |

Potential Health Effects: Harmful if ingested or absorbed through skin.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component              | CAS#      | Concentration |
|------------------------|-----------|---------------|
| Disodium troxosilicate | 6834-92-0 | 1-2%          |
| Tetrasodium EDTA       | 0064-02-8 | 4%            |

Synonyms:

### 4. FIRST AID MEASURES

|               |                                                                                                                                                                                                                                                                                                                 |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If Inhaled:   | Not likely a route of entry                                                                                                                                                                                                                                                                                     |
| Skin Contact: | P302, P352, Of on SKIN: Wash with plenty of soap and water<br>Flush skin with plenty of water. Remove contaminated clothing and shoes.<br>If irritation persists, consult a physician.                                                                                                                          |
| Eye Contact:  | P305, P351, P338, If in EYES: Rinse cautiously with water for several<br>minutes. Remove contact lenses, if present and easy to do. <u>Continue<br/>rinsing.</u><br>Flush eyes with plenty of water for at least 15 minutes. Remove contact<br>lenses if able to do so. Immediately call a doctor or physician. |
| If Ingested:  | P301, P330, P331, If SWALLOWED, Rinse mouth. DO NOT INDUCE<br>VOMITING. Do not induce vomiting unless instructed to do so by physician.<br>Never give anything by mouth to an unconscious person. Rinse mouth with<br>water. Consult physician.                                                                 |

### 5. FIREFIGHTING MEASURES

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|                                                |                                                                                                                                                             |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Extinguishing Media:                           | Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide                                                                                    |
| Hazardous Combustion Products:                 | Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.                          |
| Special Protective Equipment for Firefighters: | In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds. |

## 6. ACCIDENTAL RELEASE MEASURES

|                            |                                                                                                                                               |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Personal Precautions:      | Use personal protective equipment. Always ensure adequate ventilation.                                                                        |
| Environmental Precautions: | Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided. |
| Containment and Clean Up:  | Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.                                       |

## 7. HANDLING AND STORAGE

|                |                                                                                                                                                                                                                   |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe Handling: | Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.                                                                                                    |
| Safe Storage:  | Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Do not freeze. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits: Not likely to be above exposure limits

| Component | CAS Number | Exposure Limit | Basis |
|-----------|------------|----------------|-------|
| None      |            |                |       |

|                   |                                                                                                                                                                                          |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General Controls: | Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices. |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Personal Protective Equipment

|                 |                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|
| Eye Protection: | Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur. |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------|

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|                         |                                                                                                                                                                                   |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Hand Protection:        | Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.                                                                       |
| Skin Protection:        | Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.            |
| Respiratory Protection: | Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                |                      |
|--------------------------------|----------------------|
| Physical State:                | Liquid               |
| Color:                         | Blue-Purple          |
| Odor:                          | Slight cherry        |
| Odor Threshold:                | N/A                  |
| pH:                            | 13                   |
| Melting/Freezing Point:        | 32° F                |
| Boiling Point:                 | 212° F               |
| Flash Point:                   | None                 |
| Evaporation Rate:              | N/A                  |
| Flammability (Solid, Gas):     | None                 |
| Flammability/Explosion Limits: | None                 |
| Vapor Pressure @ 20°C:         | N/A                  |
| Vapor Density:                 | N/A                  |
| Specific Gravity:              | 1                    |
| Density:                       | 8.34 lbs. per gallon |
| Solubility in Water:           | Complete             |
| Partition Coefficient:         | N/A                  |
| Auto Ignition Temperature:     | None                 |
| Decomposition Temperature:     | N/A                  |
| Viscosity @ 40°C:              | N/A                  |

## 10. STABILITY AND REACTIVITY

|                                    |                  |
|------------------------------------|------------------|
| Chemical Stability:                | Stable           |
| Conditions and Materials to Avoid: | Strong Acids     |
| Hazardous Decomposition Products:  | Oxides of Carbon |

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## 11. TOXICOLOGICAL INFORMATION

Acute Toxicity- Harmful if swallowed

| Component              | CAS Number | Test | Toxicity |
|------------------------|------------|------|----------|
| Disodium troxosilicate | N/A        |      |          |

### Potential Health Effects

|                                        |                                                                   |
|----------------------------------------|-------------------------------------------------------------------|
| Inhalation:                            | Can cause irritation of respiratory tract                         |
| Skin:                                  | Corrosive to skin                                                 |
| Eyes:                                  | Corrosive to eyes                                                 |
| Ingestion:                             | May cause irritation of GI tract. Aspiration hazard if swallowed. |
| Signs and Symptoms of Exposure:        | Irritation of skin and eyes, burning                              |
| Chronic Effects of Long Term Exposure: | None                                                              |
| Carcinogenicity:                       | No                                                                |

## 12. ECOLOGICAL INFORMATION

Acute Ecotoxicity

| Component              | CAS Number | Organism        | Ecotoxicity     |
|------------------------|------------|-----------------|-----------------|
| Disodium troxosilicate | 6834-92-0  | Freshwater fish | 210 mg/L 96 hr. |

### Ecological Effects

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Persistence and Degradability: |                                               |
| Bioaccumulation Potential:     | Not likely                                    |
| Mobility in Soil:              | Mobile                                        |
| Other Adverse Effects:         | High pH has adverse effect on the environment |

## 13. DISPOSAL CONSIDERATIONS

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Disposal: Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.  
Contaminated Packaging: Dispose of as unused product.

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## 14. TRANSPORT INFORMATION

DOT Information Not regulated

Proper Shipping Name:  
UN Number:  
Hazard Class:  
Packing Group:  
Reportable Quantity (RQ):  
Marine Pollutant:  
Note:

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## 15. REGULATORY INFORMATION

### US Federal

SARA 302 Components: None  
SARA 311/312 Hazards: Immediate acute health hazard  
SARA 313 Components: None  
TSCA Inventory: Yes

### European Union

EC Inventory: Yes

### State Regulations

Utah Clean Air: Yes  
California Prop 65: N/A  
C.A.R.B.: N/A

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## 16. OTHER INFORMATION

Product: Friction Free All In One 2 Carwash Concentrate

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SDS Version: 2.0  
Revision Date: 7/20/21  
Supersedes: Version 1.0 05/05/2015

**Notice to Reader:**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

NuTech Specialites, Inc.

**Validated on:**

Product: Friction Free All In One 2 Carwash Concentrate